

# THE TECH

VOL. XXXIII. NO. 61.

BOSTON, MASS., TUESDAY, OCTOBER 28, 1913.

PRICE TWO CENTS

## CIVILS EXAMINE PAINE BUILDING

Saturday's Trip Successful—Another Arranged For Next Saturday.

In spite of its short distance, the trip which the Civil Engineering Society took last Saturday proved one of extreme interest to all who took it. The trip was made to the building under construction, on St. James Avenue, for the Paine Furniture Company. The building is of thoroughly up-to-date construction, is ten stories high, and reaches the building limit of 125 feet. Through the courtesy of Mr. G. N. Kilcarr, Chief Engineer, the structure was viewed and its construction explained from bottom to top.

The basement of the building, being below the water level, is done in concrete, and concrete bases, two feet in diameter, rise for the support of the upper parts of the structure. They are embedded in steel, and bent out at the top to take the weight off the floor beams above. The floors are of eight-inch reinforced concrete slabs, over which one-to-twelve mixtures of cinders and cement are laid. Embedded in this stonage are two-by-three timbers for the flooring.

The inside concrete columns are especially fine. The entire weight of the side walls is supported by steel columns which stop at the eighth floor. The whole building is a sample of the latest and best in architecture and engineering and the men felt well repaid for their braving of the rain.

Owing to the fact that many men were unable to take this trip, another has been arranged for next Saturday. No sign-up slips will be posted, but the men will assemble at two o'clock at the left of Engineering A.

The next regular meeting of the Society will be held some time during the second week in November. A talk will be given on the new Commonwealth Pier, now under construction, and a trip to this pier will be arranged.

## GLEE CLUB REHEARSALS

Men Urged To Attend Regularly—Final Cuts By Nov. 11.

The Glee Club is holding regular semi-weekly rehearsals every Tuesday and Friday at 5.00 P. M. in Room B in the Union. A time limit has been placed upon the payment of club dues. These must be in by Nov. 11th, the date of the first concert, and it is requested by the officers that this matter be attended to at once.

All men are notified that if they report regularly for these rehearsals they will thereby stand a better chance of surviving the final cut. This final cut will come shortly before the first concert. Twenty-five men will be retained.

Marceau, the captain of the Dartmouth cross-country team and brother of the former Tech runner, was the first man in the Dartmouth-U. of Maine run.

Several B. A. A. runners are in evidence daily on the Tech track.

## ONE MILE HANDICAP AT THE FIELD TODAY

Two Mile Tomorrow—Cross-Country Team To Meet B. A. A. Saturday.

Next Saturday the Annual Fall Handicap Meet will be held at Tech Field in Brookline. All the regular events with the exception of the two distance runs will be run off and, besides this, those present will see the finish of a dual cross-country run between the B. A. A. and Technology. Because of this dual meet it has been decided to run the mile this afternoon at 4.30 and the two-mile tomorrow at the same hour, for the bulk of the entries for these events is made up of cross-country men.

The cross-country run next Saturday will not only be a friendly contest with the Back Bay Club, but will also serve as the tryouts for the team which is to represent M. I. T. against Holy Cross on November 8. For this event ten men will be picked, and from these the team which is to run in the N. E. I. C. A. A. championships on the fifteenth and in the I. C. A. A. A. the following week will be chosen.

As the handicap meet has been postponed entry books are still open and entries will be received until Thursday night. Coach Kanaly hopes that more men will come out for the weight contests, which were so weak in the number of entries last Saturday.

The entries and handicaps for the mile follow:

One mile—Benson, scratch; C. Guething, scratch; Brown, scratch; Wilkins, 45 yards; Hastie, 75 yards; Pollard, 80 yards; Brock, 125 yards; Gray, 125 yards; Currier, 125 yards; Roberts, 130 yards; Parker, 140 yards; Saywood, 140 yards.

## MAN. EDITOR CONTEST

Candidates Will Meet in Lower Tech Office Tomorrow.

The candidates for the position of Managing Editor of THE TECH, which will be decided by contest, will meet the editor-in-Chief, E. A. Weaver, and A. H. Waitt, who will have charge of the contest in the lower office of THE TECH tomorrow noon at 1.30. At this time the work will be outlined and the men will be instructed in their duties.

## COSMOPOLITAN CLUB

Business Meeting In The Union At Five Tomorrow.

There will be an important business meeting of the Cosmopolitan Club in the Union, Room A, at 5.00 P. M. tomorrow. This meeting is for the members as well as the officers of the Club. At this meeting a new second vice-president will be elected. The program for the year will also be arranged, and therefore President Chow requests every national chairman either to be present or have some one represent him at the meeting.

Three hundred seats gone the first day looks like a big night on Nov. 7.

## MANY TICKETS SOLD FOR TECH NIGHT

Tickets Put On Sale In Rogers—Three Hundred Tickets Sold.

Three hundred tickets were sold yesterday for "The Honeymoon Express" at the Shubert, where Tech Night will be held this year. The seat sale will continue for the remainder of the week in the corridor of Rogers; on Saturday the seats left will be opened to public sale. The Freshmen will sit in the balcony, while the upper classmen will occupy the floor. The prices for seats in the balcony are 75 cents, \$1.25 and \$1.75; and for the floor, \$2.00. The tickets signed up for may be obtained from the committee who will be in the corridor of Rogers Building on Thursday. W. M. Shakespeare of the "Tech Night" committee requests that the managers of the various teams make their reservations as soon as possible.

## TECH SHOW ISSUES CALL

Sophomores Needed As Assistants In Business Department.

A call has been issued for candidates for the positions of First Assistants to the Business Manager of Tech Show. Only Sophomores are eligible for this position, and two will be chosen, of whom one will be promoted next year to the office of Business Manager, and the other to the office of Show Treasurer. The candidates are requested to meet Business Manager C. R. Lord at 1.30 tomorrow in Room B of the Union.

## BEER FOR COURSE VII

Keg Rests In State At Pierce—Fresh From Brewery.

The Biological Department has received its annual beer-keg. The keg comes straight from the Rueter Brewery in Roxbury, and will be used by the classes in Industrial Microbiology for studies on fermentation processes. The keg has been tapped already, and although its contents are as yet unfermented, and thus of no value except for purposes of investigation, nevertheless it is guarded by a padlock of respectable dimensions, in order that the germs which effect fermentation may not wander from the scene of their duty.

## EPISCOPALIANS MEET

The Brotherhood of St. Andrew will hold a conference this evening at Trinity House, 93 St. James Avenue. The meeting will be called promptly at 7.15 P. M. The discussion will be led by Rev. E. W. Van Etten. The subject is to be "The Student and The Church." All Tech men are cordially invited.

O'Hara is reported to be a candidate for the Freshman relay. As yet he has not put in his appearance on the track, but it is not expected that he will have much difficulty in qualifying.

## FIELD DAY PROSPECTS ARE CLEARING UP

1916 Men Divided Into Two Teams For Practice—Good Results Shown.

### 1916 Football.

Coach Cuddy divided the squad into two teams yesterday, A and B. Both of these had signal practice for about fifteen minutes. Team B was composed of but nine men, as only twenty were out for practice, but nevertheless the two teams were set against each other and a fast half-hour's scrimmage followed.

Team A was composed of the majority of the first string men, and gained almost at will during the first part of the scrimmage. Later, the defense stiffened, and smaller gains resulted. The ball was not given to Team B during the entire scrimmage.

The back field of Team A showed greater speed than in any previous practice, and the ease with which it gained was largely due to this. The weight is here but the speed has been lacking. Among the new candidates was Krieger, the star tackle on the team last year. He showed great speed and when called upon to take the ball made large gains.

The teams lined up as follows:

Team A—Hubbard, 1 e; Hill, r t; Burford, r g; Kaula, c; Krieger, 1 g; Stowell, 1 t; Allen, 1 e; Dewson, r h b; Jewett, q b.

Team B—Duff, 1 e; Clarkson, 1 t; Drummer, 1 g; Smart, c; Thrasher, r g; Reycourt, r t; Roper, r e; Simpson, 1 h b.

(Continued on page 2.)

## EDITORIAL CONTEST

The next editorial of the Pi Delta Epsilon contest will be due at 5 o'clock on Friday. They should be turned in at the Cage. The subject will be optional with the writers, it being the object of the Contest Committee to let the men show a little originality. This will be the second editorial of the contest, and the Committee hopes that more men will write than wrote in the last one. Too few have come out so far.

## WEATHER

For Boston and vicinity: Tuesday, unsettled, probably rain; moderate variable winds.

## CALENDAR

Tuesday, Oct. 28, 1913.

1.00—Tech Night Ticket Sale—Rogers.

4.00—1917 Relay Team—Field.

4.00—1917 Football Team—Oval.

4.00—1917 Tug-of-War—Gym.

4.00—1916 Relay Team—Field.

4.00—1916 Football vs. Cambridge Latin, at Russell Field, Cambridge.

4.00—1916 Tug-of-War—Gym.

4.30—Handicap Mile Run—Field.

7.15—St. Andrew Meeting.

Wednesday, Oct. 29, 1913.

1.00—Seat Sale—Tech Night.

1.30—Economics Club—9 Eng. C.

4.30—Handicap Two Mile Run—Field.

5.00—Cosmopolitan Club Business Meeting—Room A, Union.

8.00—Mining Eng. Society Meeting—Union.

# THE TECH

Entered as second-class matter, Sept. 15, 1911, at the postoffice at Boston, Mass., under the act of Congress of March 3, 1879.

Published daily, except Sunday, during the college year by students of the Massachusetts Institute of Technology.

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Office Hours of Managing Editor: 8.40 to 9.00 A.M., Daily; 5.30 to 6.00 P.M., Daily, Except Tuesday and Thursday. 7.00 to 8.00 P.M., Friday.

Office, 42 Trinity Place.  
Phone—Back Bay 5527 or 2180.  
Night Phone—Back Bay 5527.

Subscriptions, \$2.00 per year, in advance. Single copies, 2 cents.

Subscriptions within the Boston Postal District, and outside of the United States, must be accompanied by postage at the rate of one cent a copy.

TUESDAY, OCTOBER 28, 1913.

The Junior and Senior elections have come and gone; their class officers have been chosen and officially launched on their new year. Both elections were featured by many close contests; in some cases a change of three or four votes would have effected the results, and yet the total Senior vote was 131, while the Juniors were even more lax, polling only 107.

The lesson to be read in these figures is the same as is evident in the half-hearted support of athletics, the struggle of THE TECH for existence, and the lack of interest shown in most Tech activities where the student can see no immediate personal gain. True, the Show gets both men and financial support, but we believe very little of either comes from any desire to help the school. Technique clears a good profit only by offering something which has a very evident value, receiving very little real help except for apparent value received.

On the other hand, the majority refuse to pay their class dues, do not take the trouble to vote in their class elections, journey to Tech Field about once a year, have never seen the hockey team in action, and probably don't even know who is on it. When they do get together at a Tech gathering and are called upon to sing a Tech song, they come in strong on the chorus, but are totally lost on the verse; they cannot remember ever having heard the thing before. And yet one hears talk of "Tech Spirit."

We rejoice that this spirit is a very real and live thing, in spite of all the indications. Unfortunately it only beats in the hearts of about forty per cent. of the undergraduates. The whole thing simmers down to the fact that a large proportion of the men are narrow minded and selfish. They are unable to see any immediate personal gain in these things and do not feel called upon to make any sacrifices for the school. As a result they put in nothing, and, except for a possible knowledge of engineering, which alone has little value, they take out nothing.

#### ENGINEERING AND SCIENTIFIC NOTES

Have you ever been caught in the suction of a passing steamer when you were out in a rowboat or your little skiff and been whirled violently around narrowly escaping an upset perhaps? If so, or if you are at all interested in matters of navigation, you will be interested to read an article appearing in the Scientific American Supplement for Oct. 25th by Messrs. A. H. Gibson and J. H. Thompson, in which they describe a series of experiments on the suction action of passing ships which they carried on between a steam yacht of 88 feet length and a motor launch of 30 feet. The article is written up in considerable detail and contains much valuable nautical information. We quote a few interesting statements from the conclusions:

"When a body in shape of a ship is towed through still water both theory and experiment have shown that a general circulatory motion is set up in the surrounding fluid....

"In general the greater the difference between the speeds of vessels, the smaller is the risk of collision since such a difference reduces the time during which the mutual forces are operative, such an effect being more marked when the smaller vessel is the faster.

"On the whole, the results of the trials show that under certain circumstances the interaction (i. e., the suction) is a very real danger to navigation, even in deep and open waters with ordinary vessels of the relative sizes adapted for the experiments. If the possibility of the interaction is realized from the very first, and if all initial swerving is prevented by an early application of the helm, there would appear to be little danger even at lateral distances as small as one-half the length of the smaller vessel; but if such a swerving has been initiated a much greater helm angle to control the vessels is necessary, and, failing immediate control, collision occurs within comparatively few seconds."

#### FIELD DAY PROSPECTS

(Continued from page 1.)

Today at 4 o'clock sharp the team will have secret scrimmage against the fast Cambridge Latin team, one of the best in Greater Boston. Every Tuesday and Thursday hereafter until Field Day the team will have secret scrimmage with Boston Latin on the National League Baseball Grounds. Players are to take a Cambridge Subway train to Harvard Square, then any car to the North Cambridge car barn. Then ask to be directed to Russell Field, the new grounds.

#### 1916 Tug-of-War.

Thirty candidates were out for Sophomore Tug-of-war yesterday, the largest number so far this year. This brings the entire list of men up to about forty.

Practice lasted until 5 o'clock and the men were worked hard during this time. Lou, a member of the wrestling team came out and was used as counter yesterday. Allen, counter on the team last year, has not been out since early last week.

Coach Affel, '14, and Manager Sully were both on hand to watch the men and they were getting them into fairly good shape. The work was done under

(Continued on page 4.)

The second man in line for Tech Night tickets got away with 33 seats, all well towards the front.

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## MECHANIC ARTS HIGH SCHOOL CLUB SMOKER

First Meeting Of The Year To Be Held In Union Friday, November 14th.

The meeting of the Mechanic Arts High School Club which was to be held next Friday has, because of the inconvenience of the night, been postponed until Friday, November 14. This will be the first meeting of the year, and at it the matter of securing tickets for the Mechanic Arts-Dorchester High Football game on Thanksgiving Day will be taken up. In the past it has been the custom for the members of the Club to go to the game in a body, and it is likely that the custom will be followed this year. After the business meeting the evening will be spent socially and plenty of free "eats and smokes" will be available.

All men who have not yet secured their membership are requested to do so as soon as possible. They may be obtained from C. L. Hall '15, H. Rogers '15, G. W. Wyman '16, G. P. Allen '16, and Joslyn '17.

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## PHYSICAL LABORATORY NOTE-BOOKS

Students desiring to obtain their physical laboratory note-books are requested to call for them at once in Room 16, Walker.

All books remaining unclaimed after November 1st will be confiscated.

H. M. Goodwin.

## ALTERATIONS OF SECOND-HAND UNIFORMS

A representative of the uniform contractors will be at the Armory during the Wednesday drill periods, Oct. 22 and Oct. 29, to take charge of all parts of uniforms requiring alteration as to fit or ornamentation. Students are at liberty to have the work done anywhere providing it is done properly but arrangement has been made to have this work done by the contractor at rates which are reasonable and probably cheaper than those charged elsewhere. This work should be attended to at once, as when the new uniforms arrive the workmen will have all their time occupied by work on them and excuse will not be accepted for work delayed through carelessness. The address of the tailor employed for this work is James Greatorex, No. 27 Causeway St. You can go there, but will save trouble by turning in the articles at the Armory not later than October 29th, and better still on the 22d.

EDWIN T. COLE.  
Major, U. S. Army.

## FORMER INSTITUTE MAN ACCEPTS HIGH POSITION

Hollis Godfrey Appointed To The Presidency Of Drexel Inst. Of Art.

The appointment of Hollis Godfrey, a former Institute man, to the position of President of the Drexel Institute of Art, Science, and Industry in Philadelphia, reflects credit not only on Mr. Godfrey, but on Technology as well, because it was here that he did his more advanced work in preparation for his profession. The Institute of Art is one of the most important organizations of its kind in the country. It is a vocational school, fitting young men and women for practical life work of different kinds. Founded about a quarter of a century ago, it now ranks as a training school of high character. Mr. Godfrey received the degree of Ph.B. from Tufts, in 1895, and took up post-graduate work at the Institute in the years 1896-97. He was Principal of the High School in Needham, and head of the science work in Boston School of Practical Arts. In later years he has given much attention to municipal engineering and industrial hygiene, and has written several books on scientific studies and public health.

About a year ago he was selected by Mayor Blankenburg of Philadelphia to be Chief of the Bureau of Lighting. Since that time he has been occupied with placing the lighting system of the city on a more efficient basis, with the result that Philadelphia is today probably as well lighted as any city in the country. One of his plans for improving the illuminating system was to run a test on the performances of different kinds of lights. He carried out this test with lights which were working under actual conditions.

Mr. Godfrey is not the only Tech man who is at the head of a vocational school. Walter B. Russell '97 is Director of the Franklin Union in this city, a school of the same character as the Institute of Art, in Philadelphia. The Wentworth Institute in Boston, a similar school, is under the direction of Arthur L. Williston '89. The Cooper Union in New York, the largest vocational school in the country, is directed by C. L. R. Richards '85.

## PROGRESSIVE CLUB

First Meeting Held Thursday—Officers To Be Elected.

Thursday noon at one o'clock the Progressive Club of M. I. T. will hold its first meeting of the term in Room A of the Union. The annual election of officers will be held and a discussion will follow in which the plans and work in connection with the state Progressive headquarters will be outlined. It is expected that all members of the club will be present, and all others interested in the Progressive movement. Men need not be voters to be eligible for membership. The meeting will take up but a short time, so that the men will not be inconvenienced during the noon hour.

## MANDOLIN CLUB

The Mandolin Club held its regular rehearsal yesterday afternoon in the Union, and the men are working hard in preparation for the first concert which is only two weeks away. The Winter Concert will probably be held on December 16th in Copley Hall, although no definite action has been taken. Some new music will be given out at the next rehearsal, at which the coach will probably be present.



## The Secret of Good Batting

is similar to the secret of good business—it happens to some and just misses the others.

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**SPECIAL COURSE  
IN FOOD MICROSCOPY**

Industrial Foodstuffs To Be Studied In Biological Department.

Professor Simeon C. Keith, at the special request of Professor Sedgwick, is considering the advisability of giving a short course in the "Use of the Microscope in Food Inspection." The question of pure food is one whose importance in biological circles is constantly increasing, and this course will be aimed to give the men some knowledge of the manner in which a microscope can be made of service in the determination of adulterants, impurities, micro-organisms, etc., in ordinary commercial foodstuffs. Most of the time will probably be spent on such substances as coffee, butter, ketchup and pepper for impurities and adulterants, while the detection of Trichinella in hog-flesh will serve to illustrate the methods of dealing with the germs of contagious diseases. Professor Keith is the director of an industrial food laboratory in the city, and has had much experience in dealing with the practical problems of a food analysis.

The course will be open to men in the third, fourth and graduate years of the Biological Course. It will probably run one hour a week for six weeks. All men interested are requested to meet in 28 Pierce at 5.00 P. M. next Thursday.

**FIELD DAY PROSPECTS**

(Continued from page 2.)  
the gun yesterday to get the men used to it, and this will probably be continued until Field Day.

Of the candidates the following were on last year's team: Bickford, Bousquet, Curtis, Ellis, Fletcher, H. C. Fuller, McRae and Spear. The remaining candidates are Allen, Burnap, Brooks, Berkowitz, Blanchard, Blackney, Berger, Brophy, Dellebarre, Duggan, Ekdahl, Freeman, Wandle, Hoerer, Hands, Whitney, Jewett, Keith, Morse, Lou, Liddell, Stocking, Makepiece, Millis, McGuire, Monroe, McSweeney, Norris, Pingham, Patten, Ross, Russell, Sloan, Stimers, Stockman.

**1917 and 1916 Relay.**

Both Field Day relay teams are working regularly out on the track every day and the final trials for the team will be held towards the end of this week, the Freshmen on Thursday and Sophomores this Friday. Coach Kanaly hopes all the men who intend trying out for the teams will come out on the days of the trials, for it is extremely difficult to make allowances for weather conditions and therefore hard to pick the right men.

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**ECONOMICS CLUB  
MEETING TOMORROW**

President Kuttner Will Read A Paper—Subject Has Not Been Announced.

President Kuttner of the Economics Club has announced that the Club has at last arranged for a definite program. In the belief that the year's work would be best begun by bringing a speaker before the student body, strenuous efforts have been made during the last few weeks to find a man of prominence who could come to the Union some noon; but these efforts, owing to the press in Socialist circles of the present political campaign, have been unsuccessful. In an interview this afternoon, however, a promise was secured from Fred B. Chase of Belmont, State Secretary of the Socialist Party Clubs of Massachusetts, that he would speak shortly after election.

The Club will hold its first meeting tomorrow afternoon in 9 Eng. C at 1.30 P. M. President Kuttner will read a paper on some subject allied to Socialism which he now refuses to name. At the next meeting, which will be held a week later, any man who wishes to speak in opposition to the substance of this paper will have an opportunity to do so. The main intent being to bring out and debate any minor differences of opinion which may exist among the members.

**COMMUNICATION**

To the Editor of THE TECH:

It has been customary in past years at the start of every term to blame the Sophomores and Freshmen for lack of consideration of their neighbors and other ungentlemanly conduct in the Union until the word underclassman has become synonymous, when spoken in connection with our Union, of everything disagreeable.

Yesterday morning five men were deep in work at the large table in front of the fireplace when two almost Tech men came in and appropriated the chair a man had left but momentarily, and in front of which he had much work spread out. The other seated himself on the arm of this chair. Any quantity of other chairs were available in the room for men who only wished to talk.

Talk is hardly the name for what their conversing consisted of. One it seems had been out the evening before with companions who must have been real devils. Anyway, for every cocktail they had—he had two beers. Mind you how exciting for the five men attempting to work at the table.

The man whose work was spread out returned to move his papers to one side so he might blow off the cigar ashes they had left on them and that he might draw up a rocker and sit on the arm of that in order to be able to write at the table. Also that he might be distracted by the loud-mouthed rumblings of these boys.

They were not Sophomores or Freshmen, but upper classmen who believed that they had now become real engineers since they were taking "Polycon" and had learned that MacLachlan was familiarly known as "Mack."

A little consideration by everyone—a little care—and I am sure our Union would become a pleasanter and more healthful place in which to work and meet our friends socially.

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